ENGINEERING ROLE

LINX Engineering

We're looking for a backend engineer to join an early-stage pre-seed startup, based between San Francisco and Reno, Nevada.

OUR MISSION

84% of luxury travel decisions come from referrals. The people who make those referrals earn $0. Travel agents who have never been on the experience earn 15–25%.

LINX rebuilds that loop on trust — and rewards the people who actually drive the bookings.

FOUNDER

Stein Retzlaff. Ten years opening the most exclusive experiences on the planet — 100+ expeditions across all seven continents. More Antarctica ski films than anyone on the planet. 44 projects between the Arctic and Antarctica. 100+ operator relationships including vessels and lodges worldwide.

Being built by the leaders of the industry.

The CEOs of EYOS Expeditions and Ice Axe Expeditions, among other founding operators.

TRACTION

MVP built · Desktop web-based

A HIGH-LEVEL VIEW OF WHAT WE'RE BUILDING

A multi-axis trust graph. Each traveler, curator, operator, and experience carries an embedding across eight axes — *taste · trust · context · occasion · relationship · geography · time · verified outcome*. Typed edges with confidence, provenance, and consent class on every row.

Current stack: Kotlin / Spring Boot / PostgreSQL + pgvector / Redis. Next.js / TypeScript. AWS + Terraform.

CORE

- Backend engineering — Kotlin / JVM, or strong portable systems (Go, Rust, Scala)
- Data architecture instincts — modeling real-world systems for query and growth
- Graph thinking — entities, relationships, events as a unit of design
- Ability to ship end-to-end and debug from first principles
- Graph databases · knowledge graphs · pgvector
- ML training & fine-tuning
- Multi-LLM orchestration for ingestion and inference
- Time-series & anomaly detection

EXAMPLE CLASSES

- Stanford CS224W — Machine Learning with Graphs
- Harvard CS165 — Data Systems
- MIT 6.5840 — Distributed Systems
- Berkeley CS186 — Database Systems

OPEN QUESTIONS

- Multi-hop trust paths — how to score trust through 2nd and 3rd connections?
- Signal decay over time — what's the right model and how do we validate it?
- Taste similarity — what distance function captures it best?

COMPENSATION

Early engineer compensation. Cash plus potential equity.

APPLY

Stein Retzlaff

FOUNDER, LINX

steinretzlaff@gmail.com
530.386.5371